In the Specification

Please substitute the following paragraph on page 2, beginning at line 24:

The human tissue-type plasminogen activator precursor (tPA, SwissProt ~~Acession~~ Accession No. P00750) is synthesized as a precursor form of 562 amino acids comprising a leader sequence of 35 amino acids. This leader sequence comprises a signal peptide of 23 amino acids followed by a propeptide of 12 amino acids.

Please substitute the following paragraph on page 4, beginning at line 17:

Figure 6 shows the ~~amont~~ amount of TBPI protein detected in the supernatant of pools of clones transfected with IgSP-tPA or with tPA-tPA pre-propeptides fused to TBPI. Pools were maintained ~~eitheir~~ either in puromycin and neomycin co-selection (neo/puro) or in puromycin minus Hypoxantine-Tymidine co-selection (HT/puro). Open box and dark box represent two different pulses of 48hrs at 37 °C in medium with 10% FCS. Stripped or squared box represent two pulses of 48hrs at 32 °C in serum-free medium.

Please substitute the following paragraph on page 11, beginning at line 20:

Example 1: Comparison between the IgSP-tPA pre-propeptide and the human growth hormone signal peptide, the secreted alkaline phosphatase signal peptide, the murine ~~immunogobulin~~ immunoglobulin signal peptide.

Please substitute the following paragraph on page 14, beginning at line 12:

The results of the experiment are shown on Figure 4. The IgSp-tPA signal propeptide is able to boost secretion of TBPI from cells as demonstrated by the increased amount of TBPI detected in the supernatant versus the amount of TBPI detected in ~~intracelullar~~ intracellular compartments. Thus the IgSP-tPA-TBPI construct, comprising TBPI fused to an IgSP-tPA propeptide, increases secretion of TBPI compared to the constructs corresponding to the TBPI protein fused to the IgSP signal peptide, to the secreted alkaline phosphatase signal peptide or to the growth hormone signal peptide.